

# M Satoh

## List of Publications by Year in descending order

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34  
papers

1,224  
citations

430874

18  
h-index

395702

33  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1095  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Analysis of the Titin Gene in Hypertrophic Cardiomyopathy: Identification of a Novel Disease Gene. <i>Biochemical and Biophysical Research Communications</i> , 1999, 262, 411-417.	2.1	295
2	Development of Optical Mesosphere Thermosphere Imagers (OMTI). <i>Earth, Planets and Space</i> , 1999, 51, 887-896.	2.5	167
3	Thermal stability of chemically synthesized polyaniline. <i>Synthetic Metals</i> , 1994, 62, 229-232.	3.9	129
4	Integrating-sphere calibration of all-sky cameras for nightglow measurements. <i>Advances in Space Research</i> , 2000, 26, 1025-1028.	2.6	66
5	Development of low-cost sky-scanning Fabry-Perot interferometers for airglow and auroral studies. <i>Earth, Planets and Space</i> , 2012, 64, 1033-1046.	2.5	63
6	Ion-Specific Swelling and Deswelling Behaviors of Ampholytic Polymer Gels. <i>Macromolecules</i> , 1996, 29, 8391-8397.	4.8	42
7	MICA gene polymorphism in Takayasu's arteritis and Buerger's disease. <i>International Journal of Cardiology</i> , 1998, 66, S107-S113.	1.7	37
8	Electrochemical n-type doping of poly(p-phenylene) film. <i>Journal of Physics C: Solid State Physics</i> , 1986, 19, L101-L105.	1.5	33
9	Photoluminescence study of the annealing behavior of transmuted impurities in neutron-transmutation-doped semi-insulating GaAs. <i>Journal of Applied Physics</i> , 1989, 65, 2248-2253.	2.5	28
10	Three-channel imaging Fabry-Perot interferometer for measurement of mid-latitude airglow. <i>Applied Optics</i> , 2001, 40, 4286.	2.1	27
11	Ion channeling effect of In dopant in semi-insulating GaAs. <i>Applied Physics Letters</i> , 1986, 48, 411-412.	3.3	25
12	Influence of photoexcitation on hopping conduction in neutron-transmutation-doped GaAs. <i>Journal of Applied Physics</i> , 1988, 63, 1099-1103.	2.5	25
13	Identification of MICA alleles with a long Leu-repeat in the transmembrane region and no cytoplasmic tail due to a frameshift-deletion in exon 4. <i>Tissue Antigens</i> , 2001, 57, 520-535.	1.0	25
14	Quenching phenomenon of hopping conduction in neutron-transmutation-doped semi-insulating GaAs. <i>Physical Review B</i> , 1989, 40, 3473-3475.	3.2	23
15	Characterization of a tantalum capacitor fabricated with a conducting polypyrrole as a counter electrode. <i>Synthetic Metals</i> , 1995, 71, 2259-2260.	3.9	23
16	Influence of fast neutrons on electrical properties in neutron transmutation doped GaAs: New annealing stage. <i>Applied Physics Letters</i> , 1987, 50, 580-582.	3.3	22
17	The role of Ga antisite defect in the activation process of transmuted impurities in neutron-transmutation-doped semi-insulating GaAs. <i>Journal of Applied Physics</i> , 1990, 68, 363-366.	2.5	21
18	Time-Resolved FT-IR Study on Reorientation of Ferroelectric Liquid Crystal, (S)-4-Methylhexyl 4-[4-(Decyloxy) Phenylethynyl]-2-Fluorobenzate. <i>Applied Spectroscopy</i> , 1993, 47, 1382-1385.	2.2	21

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19	A new model of counterion condensation in polyelectrolyte solutions. <i>Biophysical Chemistry</i> , 1988, 31, 209-215.	2.8	17
20	Depth uniformity of electrical properties and doping limitation in neutron- $\beta$ -transmutation-doped semi-insulating GaAs. <i>Journal of Applied Physics</i> , 1990, 67, 3542-3544.	2.5	17
21	Structure and properties of polypyrrole synthesized under air and oxygen-free conditions. <i>Synthetic Metals</i> , 1997, 84, 167-168.	3.9	16
22	Infrared spectroscopic study and ab initio calculation for dissociation of poly( $\beta$ -hydroxy acrylic acid) in aqueous solutions. <i>Polymer</i> , 1997, 38, 2093-2098.	3.8	16
23	Effect of molecular mass of poly(3-alkylthiophene) on electrical properties. <i>Journal Physics D: Applied Physics</i> , 1992, 25, 897-900.	2.8	15
24	Salt effects on the helix-coil transition of sodium poly(L-glutamate) in aqueous solution. <i>Biopolymers</i> , 1982, 21, 1927-1931.	2.4	12
25	Asynchronous Time-Resolved FT-IR Study of the Dynamical Behavior of Ferroelectric Liquid Crystal with a Tolane Ring. <i>Applied Spectroscopy</i> , 1997, 51, 487-490.	2.2	11
26	Preferential ion scattering from 6H-SiC: Identification of the substitutional site of the implanted Ga impurities. <i>Journal of Applied Physics</i> , 2001, 89, 61-65.	2.5	9
27	Ion channeling study of damage in neutron irradiated GaAs. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 1987, 22, 553-555.	1.4	8
28	Quenching phenomenon of photoconductance in indium doped dislocation free GaAs. <i>Solid State Communications</i> , 1988, 67, 139-141.	1.9	7
29	Helix formation of poly (l-glutamic acid) in the presence of alkaline earth metal cations in aqueous alcohol solutions. <i>Biophysical Chemistry</i> , 1995, 53, 207-212.	2.8	7
30	Preparation of poly( $\beta$ -hydroxyacrylic acid) gel by $\beta$ -irradiation and its swelling behaviour. <i>Polymer</i> , 1998, 39, 1555-1558.	3.8	7
31	$\beta$ -ray enhanced quenching phenomenon of photoconductance in undoped and In-doped semi-insulating GaAs. <i>Applied Physics Letters</i> , 1988, 53, 1074-1076.	3.3	6
32	Electrical properties of $\beta$ -irradiated Si layer preamorphized by Ge ions. <i>Journal of Applied Physics</i> , 1989, 66, 1876-1878.	2.5	2
33	Channeling study of local distortion in indium-doped semi-insulating GaAs. <i>Journal of Applied Physics</i> , 1990, 67, 3890-3892.	2.5	2
34	Thermally Stabilized Polyaniline With m-Xylylenedisulfonic Acid And Its Application For A Counter Electrode Of A Tantalum Capacitor. <i>Materials Research Society Symposia Proceedings</i> , 1995, 413, 559.	0.1	0